

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

This certificate reissued to replace certificate reported lost

Number SH296NM

This Certificate issued to ASI Services LLC
21617 North 2nd Avenue
Phoenix, Arizona 85027

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 6 of the Civil Air Regulations. as specified in 206L Data Sheet H2SW

Original Product Type Certificate Number : H2SW

Make : Bell Helicopter

Model : 206L-1

Description of Type Design Change: Installation of Detroit Diesel Allison 250-C30P turboshaft engine and associated airframe and tail rotor control modifications similar to the Model 206L-3 in accordance with Air Services International FAA Sealed Master Drawing List, ASI Installation Manual, and ASI-206L-1-FM Flight Manual FAA approved April 6, 1982, or later FAA approved revisions as required as part of this modification.

Limitations and Conditions: Approval of this change in type design applies basically to the above-listed model only. This approval should not be extended to other specific helicopters of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of the other previously approved modifications will introduce no adverse effect upon the airworthiness of the above-listed helicopter. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : November 18, 1981

Date reissued : Jan. 24, 2005; Oct. 17, 2006

Date of issuance : April 6, 1982

Date amended : January 13, 1989



By direction of the Administrator

Carl K. Woo
(Signature)

Manager, Technical & Administrative Support
Staff, Los Angeles Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
 (Continuation Sheet)
Number SH296NM

These continuation sheets are a part of Supplemental Type Certificate No. SH296NM.
 The limitations and conditions of Type Certificate No. H2SW apply except as outlined below:

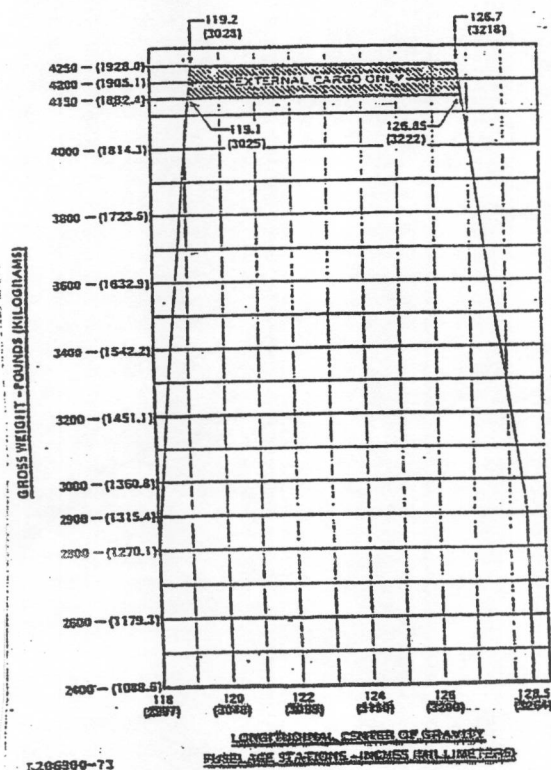
VII. Model 206L-1 (Normal Category) Modified by STC SH296NM

Engine Allison Model 250-C30P with Bendix gas producer Fuel Control
 DP-VI and Bendix Power Turbine Governor AL-ADI

Engine Limits	<u>Torque Pressure</u>	<u>Output Shaft Speed</u>	<u>Turbine Outlet Temp.</u>	<u>Gas Generator Speed</u>
Takeoff (5 min.)	100% (62 psi) 435 shp	100% (6,016 rpm)	1414°F (768°C)	105% (53,550 rpm)
Max. Continuous	85% (53 psi) 370 shp	100% (6,016 rpm)	1320°F (716°C)	105% (53,550 rpm)

(See Rotorcraft Flight Manual for Transient Limits)

C. G. Range



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Supplemental Type Certificate

(Continuation Sheet)

Number SH296NM

Maximum Weight

4150 lbs. (Internal Loading)
4250 lbs. (External Loading)

Rotorblade and
Control Movement

For rigging information, refer to ASI Installation
Instructions.

Serial Nos. Eligible

45557 and subsequent or prior Serial Nos. with
P/N 206-011-149-101 Main Rotor Yoke Installed
according to FAA approved instructions.

- END -

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